

**TABLE A-1. 1997 Ambient Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 1 of 5)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved		Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)	
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )							
JSTU01	2/18/97	1	7.7	27.14	4.5	9.3	1.50	0.08	0.02	0.43	0.08	9.8	3.9	
		15	7.8	28.11		8.7	0.52	0.23	0.02	0.41	0.08	9.3	3.8	
		25	7.8	28.40		8.5	0.43	0.18	< MDL	0.46	0.08	7.1	3.7	
		35	7.8	28.48		7.8	0.28	0.27	0.03	0.44	0.09	7.8	3.7	
	5/27/97	1	12.0	27.14	9.8	11.2	11.60	2.00	< MDL	0.08	0.04	11.2	0.6	
		15	10.6	28.24		8.5	1.30	0.64	0.03	0.27	0.07	3.2	2.2	
		25	10.1	28.44		8.3	0.52	0.29	0.03	0.28	0.08	3.4	2.3	
		35	10.0	28.83		7.9	< MDL	0.81	0.04	0.28	0.08	5.1	2.3	
	9/3/97	1	14.3	29.16	4.9	9.0	9.20	0.76	< MDL	0.19	0.06	3.8	1.9	
		15	13.3	29.26		7.0	3.50	1.00	< MDL	0.27	0.07	2.8	1.7	
		25	13.0	29.34		6.4	1.40	0.68	0.02	0.29	0.07	3.0	1.9	
		35	12.6	29.62		5.9	0.40	0.22	0.03	0.32	0.07	2.3	2.3	
	9/24/97	1	13.7	29.43	10.0	7.0	1.40	0.08	< MDL	0.28	0.08	3.5	2.6	
		15	13.8	29.59		6.3	0.82	0.26	< MDL	0.30	0.07	3.6	2.6	
		25	13.0	29.65		6.2	0.45	0.25	< MDL	0.30	0.08	3.1	2.6	
		35	13.0	29.67		6.2	0.36	0.41	< MDL	0.31	0.08	3.5	2.4	
	10/20/97	1	11.8	26.55	6.0	7.5	1.30	0.59	< MDL	0.28	0.08	2.4	3.2	
		15	12.0	29.15		6.5	0.50	0.28	0.02	0.33	0.08	2.3	3.0	
		25	12.2	29.29		6.2	0.48	0.28	0.02	0.33	0.07	2.0	2.8	
		35	12.1	29.36		6.4	0.41	0.26	0.02	0.33	0.08	1.8	2.7	
	11/18/97	1	12.0	28.94	9.0	6.8	0.70	0.06	< MDL	0.37	0.08	3.5	3.6	
		15	12.1	29.00		6.7	0.68	0.06	< MDL	0.36	0.08	7.2	3.3	
		25	12.0	29.14		6.5	0.47	0.06	< MDL	0.36	0.08	2.4	3.5	
		35	12.0	29.28		6.3	0.31	0.07	< MDL	0.36	0.08	1.6	3.4	
	12/15/97	1	10.5	29.16	6.0	7.0	0.37	< MDL	0.03	0.37	0.07	1.9	2.8	
		15	10.5	29.20		7.0	0.33	0.04	0.03	0.37	0.10	3.8	3.1	
		25	10.3	29.30		6.9	0.28	0.04	0.02	0.37	0.10	2.4	2.4	
		35	10.3	29.31		6.9	0.25	0.09	0.04	0.37	0.10	2.3	3.2	
	12/18/97	1	10.1	29.09	6.0	4.9	0.24	0.04	< MDL	0.33	0.09	3.4	3.1	
		15	10.2	29.12		6.8	0.21	0.07	< MDL	0.29	0.09	2.5	3.2	
		25	10.3	29.16		5.4	0.28	0.02	< MDL	0.25	0.10	3.1	3.1	
		35	10.3	29.19		7.1	0.24	0.08	< MDL	0.21	0.11	2.6	3.4	
	KSBP01	2/18/97	1	7.8	27.74	4.0	9.0	1.40	0.37	< MDL	0.42	0.09	8.7	3.9
			15	7.8	28.33		8.7	0.45	0.19	< MDL	0.49	0.08	8.6	3.8
			25	7.8	28.44		8.5	0.29	0.34	< MDL	0.42	0.09	8.8	3.7
			35	7.8	28.53		8.3	0.27	0.16	< MDL	0.47	0.09	8.6	3.6
			55	7.7	28.64		8.2	< MDL	0.46	0.08	9.4	3.4		
			100	7.6	29.00		8.2	< MDL	0.42	0.08	9.2	3.2		
			200	7.5	29.22		8.3	< MDL	0.41	0.08	10.1	3.2		
			5/27/97	1	nd		26.80	7.0	12.6	10.20	1.90	< MDL	< MDL	0.04
15		nd		27.88	9.7	11.70	1.90		< MDL	0.20	0.08	5.1	1.2	
25		nd		28.46	8.3	1.10	0.80		0.02	0.27	0.06	3.6	2.1	
35		nd		28.72	8.0	0.36	0.27		0.03	0.29	0.06	6.9	2.3	
55		nd		28.80	7.9	0.03	0.29		0.06	5.8	2.2			
100		nd		29.27	7.6	0.03	0.28		0.07	6.0	2.3			
200		nd		29.40	7.4	0.03	0.33		0.08	5.3	2.6			

**TABLE A-1. 1997 Ambient Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 2 of 5)

A-1  
Dissolved

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )	Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
KSBP01 (cont.)	9/3/97	1	15.0	29.14	3.1	10.5	15.90	0.71	0.02	0.13	0.07	5.0	1.9
		15	13.9	29.19		8.3	8.50	0.58	< MDL	0.21	0.06	3.4	1.9
		25	12.8	29.42		6.1	1.30	< MDL	0.02	0.30	0.10	1.4	2.2
		35	12.6	29.52		5.9	6.00	0.89	< MDL	0.31	0.07	1.3	2.1
		55	12.7	29.56		5.8			0.03	0.31	0.08	2.3	2.2
		100	12.9	29.93		5.9			0.03	0.30	0.08	1.7	2.3
		200	12.6	30.08		6.2			0.04	0.31	0.10	4.3	2.2
	9/24/97	1	14.1	28.93	7.0	8.0	5.70	0.37	< MDL	0.25	0.09	5.8	2.1
		15	13.5	29.58		6.5	0.85	0.28	< MDL	0.29	0.07	2.5	2.4
		25	13.4	29.63		6.6	0.72	0.19	< MDL	0.30	0.08	3.6	2.2
		35	13.7	29.73		6.2	0.28	0.31	< MDL	0.32	0.08	13.2	2.6
		55	12.9	29.85		5.7			< MDL	0.31	0.08	3.6	2.5
		100	12.4	29.98		5.8			0.02	0.31	0.08	2.8	2.4
		200	12.2	30.06		5.9			0.02	0.32	0.07	4.2	2.5
	10/20/97	1	11.8	28.03	6.2	7.1	1.10	0.32	0.02	0.31	0.07	3.3	2.9
		15	12.1	29.15		6.5	0.81	0.54	0.02	0.32	0.07	3.3	2.7
		25	12.2	29.39		6.5	0.03	0.20	0.02	0.32	0.07	2.7	2.7
		35	12.2	29.44		6.4	0.34	0.26	0.02	0.33	0.08	4.0	2.7
		55	nd	29.63		5.9			0.02	0.35	0.08	2.5	2.5
		100	11.0	29.74		5.9			0.02	0.34	0.09	3.7	2.8
200		12.1	29.89		5.5			0.02	0.35	0.08	4.4	3.0	
11/18/97	1	12.0	28.83	9.0	6.8	0.89	0.02	< MDL	0.38	0.07	1.7	3.3	
	15	11.9	29.17		6.4	0.42	0.06	< MDL	0.36	0.08	0.7	3.4	
	25	11.8	29.37		6.0	0.30	0.02	< MDL	0.36	0.08	2.4	3.3	
	35	11.8	29.37		6.1	0.27	< MDL	< MDL	0.36	0.08	4.7	3.0	
	55	12.1	29.44		6.0			< MDL	0.36	0.08	2.2	3.3	
	100	12.1	29.48		6.1			< MDL	0.36	0.08	1.7	3.5	
	200	12.2	29.56		6.0			< MDL	0.36	0.08	3.0	3.1	
12/15/97	1	10.2	29.33	6.0	6.9	0.35	< MDL	0.04	0.37	0.10	1.5	2.6	
	15	9.8	29.33		6.4	0.30	0.01	0.04	0.38	0.08	2.7	2.6	
	25	9.7	29.33		6.9	0.31	< MDL	0.03	0.37	0.10	1.9	3.1	
	35	9.6	29.33		6.9	0.27	0.05	0.03	0.37	0.09	2.9	2.9	
	55	9.7	29.36		6.9			< MDL	0.37	0.08	2.9	3.0	
	100	9.6	29.39		7.0			0.03	0.36	0.08	4.0	2.8	
	200	9.6	29.43		7.2			0.03	0.36	0.08	6.0	3.1	
12/18/97	1	10.1	29.22	6.5	7.2	0.22	0.08	< MDL	0.33	0.10	2.8	3.3	
	15	10.3	29.25		7.2	0.15	0.11	< MDL	0.26	0.09	2.8	2.9	
	25	10.4	29.25		7.2	0.20	0.10	< MDL	0.30	0.13	3.3	3.1	
	35	10.4	29.25		7.1	0.16	0.13	< MDL	0.28	0.11	3.4	3.2	
	55	10.1	29.32		7.2			0.02	0.32	0.12	3.0	3.2	
	100	9.9	29.41		7.5			0.03	0.30	0.10	4.7	3.3	
	200	9.9	29.48		7.6			< MDL	0.32	0.09	4.3	3.2	

**TABLE A-1. 1997 Ambient Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 3 of 5)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved		Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )						
LTED04	2/18/97	1	7.5	18.763	1.5	10.2	A-2 0.93	0.05	0.04	0.39	0.08	10.1	5.9

	15	8.1	28.221		nd	0.62	0.09	0.03	0.43	0.08	9.1	3.5
	25	8.0	28.460		8.3	0.06	0.28	0.03	0.40	0.08	6.5	3.4
	35	8.0	28.584		8.4	0.19	0.02	0.03	0.43	0.08	8.0	3.4
	55	8.0	28.814		8.1			0.03	0.41	0.08	10.9	3.1
	75	8.1	28.557		8.0			0.03	0.40	0.09	10.5	3.3
5/27/97	1	12.1	23.756	7.1	9.6	0.98	6.50	0.04	0.18	0.05	5.1	3.0
	15	11.0	28.122		8.7	0.55	0.35	0.04	0.25	0.06	6.9	2.0
	25	10.5	28.259		8.5	0.14	0.25	0.04	0.27	0.06	7.4	2.2
	35	10.2	28.406		8.2	0.08	0.21	0.04	0.29	0.06	3.5	2.3
	55	9.8	27.732		7.3			0.04	0.34	0.02	7.9	2.4
	75	9.6	29.132		7.0			< MDL	0.36	0.08	5.0	2.6
7/17/97	1	15.6	23.512	3.9	11.1	23.90	18.70	0.03	0.06	0.08	10.2	3.3
	15	13.3	30.677		8.3	1.50	0.28	0.05	0.19	0.07	10.3	1.9
	25	13.0	28.249		7.7	0.76	0.39	0.04	0.20	0.07	5.4	2.0
	35	12.7	29.849		7.5	0.39	0.20	0.05	0.22	0.07	6.8	1.9
	55	12.1	28.675		7.1			0.05	0.27	0.07	10.2	2.2
	75	11.2	29.229		5.9			0.03	0.33	0.08	7.8	2.7
9/3/97	1	14.4	27.359	2.5	7.8	8.70	0.50	< MDL	0.24	0.08	4.6	2.8
	15	13.3	29.271		6.2	0.58	0.14	< MDL	0.30	0.09	1.5	1.8
	25	13.1	29.335		6.2	0.56	0.29	0.02	0.30	0.08	1.5	2.0
	35	12.6	29.367		6.4	0.29	0.08	0.02	0.32	0.09	1.1	2.0
	55	12.6	29.573		5.2			< MDL	0.36	0.08	1.4	2.4
	75	12.0	29.710		5.1			< MDL	0.37	0.09	1.8	2.3
9/24/97	1	14.7	28.519	6.0	7.6	2.70	0.04	< MDL	0.28	0.08	4.3	3.2
	15	14.0	29.611		6.2	0.79	0.06	< MDL	0.30	0.08	4.5	2.6
	25	13.2	29.645		6.1	0.50	0.02	< MDL	0.30	0.08	3.0	2.8
	35	13.2	29.658		6.1	0.43	0.01	< MDL	0.31	0.08	7.4	2.6
	55	13.0	29.730		5.8			< MDL	0.32	0.08	4.7	2.8
	75	12.5	29.954		5.1			< MDL	0.35	0.09	5.4	2.8
10/20/97	1	12.4	28.447	7.5	7.0	3.50	0.24	0.03	0.31	0.07	1.7	3.1
	15	12.6	29.329		6.6	1.60	0.04	0.03	0.32	0.07	1.9	2.9
	25	12.4	29.386		6.5	1.70	0.05	0.03	0.32	0.07	3.3	2.8
	35	12.4	29.463		6.4	1.00	0.19	0.03	0.33	0.08	2.1	2.9
	55	12.2	29.579		6.2			< MDL	0.33	0.08	2.0	2.9
	75	12.1	29.654		6.0			0.02	0.34	0.10	3.1	2.9
11/18/97	1	11.7	27.831	8.0	6.8	0.57	< MDL	< MDL	0.36	0.08	2.2	4.1
	15	12.1	29.188		6.1	0.21	< MDL	< MDL	0.36	0.08	2.3	3.5
	25	12.1	29.223		6.1	0.23	< MDL	< MDL	0.36	0.09	1.7	3.4
	35	12.1	29.265		6.1	0.15	0.02	< MDL	0.36	0.08	0.9	3.0
	55	12.0	29.492		5.8			< MDL	0.37	0.08	3.8	3.4
	75	11.8	29.681		5.9			< MDL	0.38	0.09	3.5	3.2
12/18/97	1	9.5	24.687	2.0	7.8	0.45	0.51	< MDL	0.35	0.09	6.4	4.9
	15	10.7	29.190		7.0	0.06	0.20	< MDL	0.27	0.12	2.5	3.5
	25	10.7	29.221		6.9	0.07	0.17	< MDL	0.28	0.11	2.1	3.1
	35	10.6	29.226		6.6	0.09	0.18	< MDL	0.32	0.08	1.7	3.3
	55	10.7	29.268		6.5			< MDL	0.33	0.12	2.6	3.3
	75	10.7	29.302		6.5			< MDL	0.33	0.09	2.7	3.3

**TABLE A-1. 1997 Ambient Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 4 of 5)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved							
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )	Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
LSNT01	2/20/97	1	8.2	27.869	8.0	9.0	0.98	0.24	0.03	0.41	0.08	9.9	3.5
		15	8.1	28.379		8.9	0.62	0.03	0.03	0.41	0.09	9.6	3.3
		25	8.1	28.563		8.3	0.49	< MDL	< MDL	0.41	0.09	10.3	3.2
		35	8.1	28.667		8.3	A-3 0.33	0.05	0.03	0.42	0.09	9.8	3.2

		55	7.9	28.818		8.0			0.03	0.42	0.08	9.5	3.2
		100	8.0	29.154		7.8			0.06	0.42	0.08	4.0	3.2
		200	7.8	27.000		7.9			0.03	0.41	0.08	9.9	3.1
5/27/97		1	11.7	28.097	9.8	9.9	7.10	5.60	< MDL	0.21	0.05	5.3	1.2
		15	10.7	28.292		8.6	3.60	0.10	0.03	0.26		4.0	1.8
		25	10.6	28.338		8.5	2.60	0.19	0.03	0.27	0.07	3.8	1.9
		35	11.3	28.426		8.2	1.50	< MDL	0.03	0.29	0.07	7.2	2.1
		55	11.6	28.517		8.0			0.04	0.30	0.07	7.5	2.2
		100	10.1	29.156		7.3			0.04	0.31	0.08	8.0	2.4
		200	10.0	29.406		7.1			0.02	0.36	0.07	4.7	2.4
9/3/97		1	13.8	29.350		6.8	2.60	0.25	< MDL	0.28	0.10	1.8	2.0
		15	13.4	29.363		6.4	2.70	0.20	0.02	0.29	0.09	0.9	2.2
		25	13.4	29.372		6.3	2.90	0.31	0.02	0.29	0.10	3.2	2.0
		35	13.1	29.525		6.2	1.90	0.30	0.02	0.29	0.11	4.1	2.3
		55	13.1	29.524		6.3			< MDL	0.30	0.09	2.8	2.3
		100	12.2	29.858		5.7			0.02	0.34	0.09	5.0	1.9
		200	12.2	29.987		5.7			0.04	0.32	0.11	3.4	1.8
9/24/97		1	14.6	29.422	12.0	7.8	5.50	0.16	< MDL	0.24	0.09	5.4	2.3
		15	13.4	29.609		6.4	2.20	0.09	< MDL	0.28	0.08	3.2	2.5
		25	13.3	29.613		6.3	1.80	< MDL	< MDL	0.28	0.08	3.3	2.4
		35	13.3	29.613		6.4	1.80	0.04	< MDL	0.29	0.09	4.4	2.5
		55	13.1	29.773		6.0			< MDL	0.31	0.08	3.4	2.6
		100	12.7	30.026		5.6			< MDL	0.33	0.08	2.7	2.5
		200	12.4	30.089		5.4			< MDL	0.33	0.08	6.2	2.7
10/20/97		1	12.2	28.596	7.0	7.4	2.70	0.18	0.02	0.30	0.08	3.5	3.2
		15	12.6	29.209		6.6	2.00	0.27	0.02	0.32	0.07	2.9	3.3
		25	12.5	29.352		6.4	1.60	0.30	0.02	0.31	0.08	1.3	3.2
		35	12.3	29.417		6.3	1.70	0.16	0.03	0.33	0.09	3.9	3.3
		55	12.3	29.439		6.4			0.03	0.33	0.08	2.9	3.2
		100	12.3	29.754		5.8			0.02	0.35	0.08	3.4	3.1
		200	12.2	29.936		5.2			0.02	0.36	0.08	7.1	3.2
11/18/97		1	12.0	29.274	7.0	6.4	0.63	0.02	< MDL	0.37	0.08	5.4	3.6
		15	12.0	29.288		6.4	0.55	< MDL	< MDL	0.36	0.08	1.2	3.5
		25	12.0	29.298		6.3	0.51	< MDL	< MDL	0.37	0.08	1.7	3.6
		35	12.0	29.351		6.2	0.38	< MDL	< MDL	0.35	0.09	6.0	3.4
		55	12.1	29.395		6.1			< MDL	0.36	0.08	2.0	3.5
		100	11.8	29.660		5.9			< MDL	0.39	0.08	2.7	3.4
		200	11.8	29.720		5.9			< MDL	0.38	0.08	4.6	3.6
12/18/97		1	10.4	29.190	8.0	7.1	0.28	0.14	< MDL	0.24	0.11	3.5	3.1
		15	10.5	29.192		7.1	0.18	0.15	< MDL	0.29	0.12	3.1	2.8
		25	10.5	29.194		7.1	0.21	0.11	0.03	0.29	0.11	3.6	2.7
		35	10.5	29.194		7.1	0.13	0.18	< MDL	0.31	0.12	2.1	3.2
		55	10.4	29.242		7.0			< MDL	0.27	0.08	2.4	3.1
		100	10.3	29.364		7.1			< MDL	0.27	0.09	4.5	3.1
		200	9.6	29.444		7.2			< MDL	0.22	0.11	4.9	2.9

**TABLE A-1. 1997 Ambient Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 5 of 5)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved							
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )	Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
KSRU02	2/18/97	1	7.2	10.967									
	5/27/97	1	14.2	11.399									
	7/17/97	1	16.0	17.119									
	9/3/97	1	nd	15.994									
	9/24/97	1	16.1	17.715									
	10/20/97	1	12.7	22.424									
	11/18/97	1	121.0	10.607									

12/15/97	1	9.4	15.764
12/18/97	1	9.7	15.407

**TABLE A-2. 1997 Point Source Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 1 of 4)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved		Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )						
KSIW02	2/18/97	1	7.8	27.50	6.8	9.2	1.20	0.09	< MDL	0.45	0.08	8.5	3.6
		15	7.8	28.38		8.5	0.45	0.41	0.02	0.43	0.09	7.7	3.6
		25	7.8	28.46		8.6	0.61	0.30	0.02	0.44	0.08	9.2	3.3
		35	7.8	28.61		8.2	< MDL	0.29	0.02	0.42	0.08	9.9	3.4
	5/27/97	1	12.2	26.99	6.0	12.1	8.50	1.30	< MDL	0.06	0.04	10.5	0.6
		15	11.1	27.97		9.2	7.40	0.48	< MDL	0.22	0.06	15.2	1.5
		25	10.5	28.16		8.7	3.20	0.35	0.04	0.24	0.07	7.7	1.9
		35	10.7	28.34		8.5	0.71	0.13	0.04	0.27	0.07	5.2	2.1
	7/17/97	1	15.6	25.74	4.0	10.3	13.90	0.83	< MDL	0.06	0.05	7.3	1.6
		15	12.5	29.67		7.0	A-5 0.37	0.14	0.03	0.26	0.08	6.9	2.3

		25	12.5	28.72		7.0	0.30	0.07	0.04	0.26	0.07	30.7	2.3
		35	12.5	29.53		6.7	0.31	0.01	0.05	0.27	0.09	8.7	2.5
	9/3/97	1	14.1	28.47	4.0	7.7	0.63	0.16	0.03	0.24	0.07	2.3	1.8
		15	13.2	29.34		7.0	2.20	0.26	0.02	0.29	0.08	2.0	2.4
		25	12.8	29.38		6.4	1.50	0.40	0.04	0.29	0.08	1.8	2.5
		35	12.8	29.41		6.5	1.50	0.46	0.03	0.29	0.08	1.8	2.5
	9/24/97	1	14.7	29.30	10.0	7.4	0.93	0.09	< MDL	0.27	0.07	4.0	2.5
		15	13.2	29.59		6.2	1.30	0.15	< MDL	0.30	0.08	3.4	2.6
		25	13.0	29.68		5.9	0.35	0.15	< MDL	0.31	0.07	3.2	2.4
		35	13.0	29.74		5.7	0.24	0.20	< MDL	0.32	0.07	4.1	2.7
	10/20/97	1	11.7	28.65	7.0	7.0	0.85	0.34	0.03	0.32	0.07	3.4	2.9
		15	11.9	29.30		6.5	0.42	0.33	0.02	0.32	0.07	1.8	2.8
		25	12.1	29.44		6.3	0.51	0.31	0.02	0.33	0.07	3.2	2.9
		35	12.1	29.484		6.2	0.48	0.45	0.02	0.34	0.08	2.8	2.8
	11/18/97	1	12.0	28.472	10.1	6.7	0.63	0.12	< MDL	0.37	0.08	1.8	3.6
		15	12.0	29.195		6.4	0.39	0.08	< MDL	0.36	0.08	2.1	3.2
		25	12.0	29.218		6.3	0.32	0.12	< MDL	0.37	0.08	3.3	3.4
		35	12.1	29.218		6.3	0.33	0.07	< MDL	0.36	0.08	2.7	3.1
	12/18/97	1	10.3	28.047	8.0	7.2	0.20	0.24	0.02	0.29	0.08	1.8	3.6
		15	10.5	29.098		7.3	0.23	0.08	< MDL	0.27	0.08	3.0	3.5
		25	10.5	29.150		7.3	0.20	0.09	< MDL	0.32	0.08	2.6	3.5
		35	10.4	29.220		7.2	0.14	0.18	< MDL	0.28	0.11	2.4	3.5
KSSK02	2/18/97	1	7.6	24.617	2.5	9.8	1.30	0.67	0.02	0.42	0.08	10.0	4.6
		15	7.7	27.992		8.9	0.89	0.08	0.02	0.45	0.09	8.6	3.7
		25	7.8	28.372		8.5	0.38	0.26	0.02	0.42	0.09	7.6	3.7
		35	7.8	28.521		8.3	0.27	0.15	0.03	0.45	0.09	7.4	3.6
		55	7.8	28.276		8.3			0.27	0.44	0.11	8.3	3.6
	5/27/97	1	11.5	26.881	10.2	10.5	4.80	1.00	< MDL	0.14	0.04	6.1	1.2
		15	11.3	27.676		10.8	12.20	0.75	< MDL	0.15	0.05	7.1	0.8
		25	10.2	28.037		9.2	2.60	2.80	0.03	0.23	0.06	7.2	1.7
		35	10.3	28.244		8.6	2.00	< MDL	< MDL	0.26	0.06	10.2	2.0
		55		28.493		8.2			0.04	0.30	0.07	2.2	2.3
	7/17/97	1	15.0	25.027	4.0	10.2	11.40	0.07	0.09	0.30	0.08	7.0	2.4
		15	12.6	30.011		7.6	0.85	0.23	0.04	0.07	0.07	7.2	1.6
		25	11.7	28.659		7.0	0.29	0.21	0.05	0.23	0.05	9.6	2.1
		35	11.6	29.591		6.9	0.32	0.25	0.04	0.26	0.07	3.5	2.1
		55	11.3	28.939		6.3			0.06	0.28	0.09	5.2	2.2

**TABLE A-2. 1997 Point Source Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 2 of 4)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved							
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )	Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
KSSK02	9/3/97	1	13.8	29.204	4.5	8.3	14.80	0.67	< MDL	0.21	0.09	3.9	2.1
(cont.)		15	13.4	29.275		7.2	6.50	0.22	< MDL	0.26	0.07	3.5	2.4
		25	13.5	29.265		7.4	7.60	< MDL	< MDL	0.25	0.08	3.5	2.4
		35	13.1	29.311		6.8	3.10	0.63	< MDL	0.27	0.07	1.8	2.4
		55	12.6	29.561		5.9			< MDL	0.32	0.07	0.6	2.5
	9/24/97	1	13.7	29.100	10.0	6.9	2.60	0.09	< MDL	0.28	0.08	3.5	2.6
		15	13.4	29.598		6.2	1.40	< MDL	< MDL	0.29	0.08	3.1	2.7
		25	13.2	29.606		6.1	1.10	0.13	< MDL	0.29	0.08	4.3	2.6
		35	13.2	29.612		6.1	1.10	0.03	< MDL	0.29	0.09	3.9	2.8
		55	13.1	29.687		5.9			0.06	0.31	0.08	3.4	2.7
	10/20/97	1	12.2	29.196	6.2	6.4	1.10	0.25	0.03	0.33	0.07	3.8	2.8
		15	12.4	28.739		6.7	0.79	0.27	0.03	0.32	0.08	2.0	2.9
		25	12.3	29.253		6.4	A-6 0.95	0.06	0.03	0.33	0.07	3.0	2.6

		35	12.3	29.432		6.1	0.62	0.24	0.02	0.34	0.07	4.0	2.7
		55	12.0	29.604		6.1			0.03	0.33	0.08	2.0	2.6
11/18/97		1	12.0	29.115	7.0	6.1	0.35	0.12	0.08	0.38	0.08	1.5	3.7
		15	11.9	29.147		6.3	0.53	0.11	0.08	0.36	0.08	5.6	3.4
		25	12.0	29.198		6.1	0.38	0.10	0.09	0.37	0.09	2.4	3.6
		35	12.1	29.283		6.1	0.35	0.06	0.04	0.37	0.09	1.9	3.4
		55	12.1	29.362		6.1				0.37	0.08	3.6	3.3
12/18/97		1	9.4	25.953	nd	7.3	0.42	0.12	< MDL	0.28	0.09	3.8	4.4
		15	10.2	29.143		4.7	0.25	0.08	< MDL	0.31	0.08	3.5	3.5
		25	10.3	29.229		6.1	0.23	0.09	< MDL	0.31	0.11	2.2	3.3
		35	10.3	29.234		5.9	0.22	0.15	< MDL	0.32	0.10	3.2	3.4
		55	10.3	29.219		5.2			0.03	0.31	0.11	4.2	3.3
LTBC40	2/20/97	1	7.3	17.396	1.0	10.4	0.68	0.08	0.05	0.37	0.09	9.8	5.1
		15	8.0	27.881		9.0	0.84	0.04	0.03	0.43	0.08	8.5	3.6
		23	8.0	28.078		9.0	0.53	0.15	0.03	0.36	0.08	9.4	3.4
	5/27/97	1	11.2	26.038	11.0	9.7	6.10	2.00	0.03	0.20	0.05	6.4	2.1
		15	10.1	28.201		8.6	0.50	0.01	0.06	0.26	0.06	4.8	1.9
		23	10.1	28.279		8.4	0.23	0.16	0.05	0.28	0.08	4.4	2.2
	7/17/97	1	15.5	23.525	2.8	11.1	55.80	< MDL	0.03	0.06	0.10	8.6	3.3
		15	12.9	30.397		8.2	1.10	0.09	0.05	0.20	0.09	7.1	1.9
		23	12.6	28.344		7.8	1.10	< MDL	0.05	0.21	0.06	6.9	1.9
	9/3/97	1	15.2	27.825	2.0	10.1	27.10	1.20	< MDL	0.08	0.07	3.7	2.2
		15	12.9	29.299		6.3	0.63	0.16	< MDL	0.30	0.10	1.6	2.3
		23	13.3	29.331		6.1	0.40	0.03	< MDL	0.31	0.08	1.6	2.5
	9/24/97	1	14.6	28.605		7.3	1.60	< MDL	< MDL	0.28	0.08	4.4	3.0
		15	13.3	29.574	9.0	6.5	1.70	0.04	< MDL	0.29	0.07	4.7	2.5
		23	13.1	29.621		6.1	0.84	0.08	< MDL	0.30	0.07	4.5	2.6
	10/20/97	1	11.6	28.779	9.0	5.8	3.00	0.39	0.03	0.31	0.07	2.8	2.9
		15	11.7	29.359		6.5	1.60	0.20	0.02	0.31	0.08	3.1	2.9
		23	11.7	29.391		6.4	1.50	0.14	0.02	0.32	0.07	2.2	2.9
	11/18/97	1	11.7	27.634	7.9	6.9	0.60	0.05	< MDL	0.36	0.08	1.4	3.9
		15	11.9	29.119		6.3	0.36	< MDL	< MDL	0.36	0.09	1.4	3.4
		23	11.9	29.160		6.1	0.23	0.02	< MDL	0.37	0.08	2.2	3.3

**TABLE A-2. 1997 Point Source Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 3 of 4)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved							
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )	Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
LTBC40	12/18/97	1	9.0	22.359	1.7	7.1	0.32	0.54	0.04	0.35	0.11	4.4	5.0
(cont.)		15	9.9	29.184		5.3	0.06	0.23	< MDL	0.31	0.10	3.0	3.4
		23	10.6	29.201		5.3	0.11	0.19	< MDL	0.33	0.09	3.0	3.5
LSEP01	2/20/97	1	8.4	26.893	6.0	9.5	1.40	0.01	0.03	0.40	0.08	8.0	3.9
		15	8.1	28.343		8.7	0.42	< MDL	0.03	0.40	0.08	7.9	3.5
		25	8.1	28.465		8.7	0.43	< MDL	0.04	0.43	0.08	8.5	3.5
		35	8.1	28.464		8.7	0.51	< MDL	0.03	0.43	0.08	9.4	3.4
		55	8.1	28.774		8.2			0.03	0.40	0.08	9.4	3.1
		100	8.1	29.089		7.9			0.03	0.36	0.08	10.1	3.0
		150	8.0	29.181		8.0			0.04	0.42	0.08	10.2	3.0
	5/27/97	1	12.5	27.952	7.2	10.3	10.70	0.28	< MDL	0.17	0.04	15.1	0.9
		15	11.2	28.187		8.9	4.80	3.50	< MDL	0.24	0.08	7.2	1.6
		25	11.3	28.219		8.8	A-7 4.50	0.34	0.02	0.25	0.06	3.7	1.6

		35	11.0	28.226		8.8	4.60	0.20	0.02	0.25	0.06	5.4	1.7
		55	10.6	28.478		8.1			0.02	0.29	0.07	3.6	2.1
		100	9.7	29.305		7.2			0.07	0.34	0.09	6.5	2.5
		150	9.6	29.356		7.2			0.05	0.34	0.09	12.0	2.4
7/17/97		1	16.3	24.414	4.0	11.8	10.90	1.40	0.03	< MDL	0.03	11.8	1.4
		15	12.8	30.046		7.7	1.20	0.94	0.04	0.21	0.07	6.7	2.0
		25	12.1	28.630		7.0	0.74	1.00	0.03	0.23	0.07	6.1	2.2
		35	11.7	29.656		6.9	0.66	0.89	0.03	0.25	0.08	7.9	2.2
		55	11.3	29.087		6.3			0.04	0.29	0.08	7.3	2.3
		100	11.1	32.771		6.1			0.04	0.27	0.08	7.5	2.2
		150		32.509		5.9			0.16	0.26	0.09	11.4	2.3
9/3/97		1	14.0	29.312	7.0	7.5	5.10	1.90	< MDL	0.25	0.09	4.5	2.0
		15	13.6	29.336		7.3	4.20	0.27	0.02	0.28	0.10	2.1	2.1
		25	13.5	29.351		6.5	3.10	0.37	< MDL	0.29	0.10	1.6	2.0
		35	13.2	29.379		6.4	2.20	0.19	0.02	0.30	0.08	1.0	1.9
		55	13.2	29.413		6.1			0.03	0.30	0.08	0.9	1.9
		100	12.6	29.839		5.7			0.04	0.33	0.09	0.9	1.8
		150	12.6	29.975		5.6			0.08	0.32	0.09	1.9	2.0
9/24/97		1	14.3	29.360	9.0	7.7	2.90	0.75	< MDL	0.27	0.10	3.3	2.6
		15	13.3	29.586		6.5	2.60	0.02	< MDL	0.29	0.10	2.3	2.6
		25	13.3	29.617		6.2	1.40	0.04	< MDL	0.30	0.08	3.9	2.6
		35	13.3	29.632		6.1	1.30	< MDL	0.02	0.30	0.08	4.4	2.7
		55	13.1	29.688		6.1			< MDL	0.31	0.09	4.3	2.5
		100	12.6	30.029		5.5			0.06	0.35	0.11	3.9	2.7
		150	12.5	30.057		5.5			< MDL	0.35	0.09	3.5	2.6
10/20/97		1	12.1	28.399	8.0	7.2	1.60	0.12	0.02	0.32	0.07	1.9	3.0
		15	12.5	29.272		6.5	1.90	0.25	0.02	0.31	0.08	3.2	3.0
		25	12.5	29.445		6.2	1.20	0.17	0.02	0.33	0.08	7.1	2.7
		35	12.3	29.549		6.0	1.10	0.22	0.02	0.33	0.08	2.5	3.2
		55	12.3	29.585		6.0			0.02	0.34	0.07	3.7	3.2
		100	12.2	29.693		5.9			0.02	0.34	0.08	2.9	3.1
		150	12.1	29.831		5.5			0.08	0.36	0.09	4.9	3.1

**TABLE A-2. 1997 Point Source Subtidal Water Column Monitoring**  
**General Water Quality Parameters** (page 4 of 4)

Locator	Date	Depth (m)	Temperature (°C)	Salinity (ppt)	Transparency (m)	Dissolved		Phaeophytin (mg/m <sup>3</sup> )	NH <sub>4</sub> -N (mg/L)	NO <sub>2</sub> + NO <sub>3</sub> (mg/L)	Phosphorous (total) (mg/L)	TSS (mg/L)	Silica (mg/L)
						Oxygen (mg/L)	Chlorophyll- <i>a</i> (mg/m <sup>3</sup> )						
LSEP01 (cont.)	11/18/97	1	12.1	29.228	9.0	6.6	0.87	0.02	< MDL	0.37	0.08	2.0	3.0
		15	12.1	29.229		6.5	0.77	< MDL	< MDL	0.37	0.08	2.4	3.6
		25	12.0	29.232		6.5	0.64	< MDL	< MDL	0.37	0.08	1.7	3.5
		35	12.1	29.235		6.5	0.52	< MDL	< MDL	0.37	0.08	1.4	3.5
		55	12.1	29.323		6.3			< MDL	0.37	0.08	2.0	3.4
		100	11.9	29.578		5.9			0.02	0.37	0.09	1.7	3.3
		150	11.8	29.656		5.9			0.03	0.37	0.08	2.7	3.3
	12/18/97	1	10.9	29.192	8.5	7.2	0.21	0.17	< MDL	0.26	0.10	2.3	3.3
		15	10.7	29.221		7.1	0.14	0.22	< MDL	0.28	0.10	3.1	3.6
		25	10.7	29.215		7.0	0.14	0.21	< MDL	0.32	0.11	1.6	3.5
		35	10.7	29.233		7.1	0.10	0.25	< MDL	0.27	0.09	3.2	3.3
		55	10.7	29.247		6.9			0.02	0.26	0.08	1.8	3.4
		100	10.5	29.331		6.9			0.03	0.29	0.09	4.8	3.4
		150	10.4	29.386		7.0			< MDL	0.31	0.08	3.9	2.9
LSKQ06	2/20/97	1	8.1	27.628	8.5	9.7	2.00	0.16	< MDL	0.38	0.08	8.3	3.0
		15	8.0	28.272		8.8	A-8 0.44	0.14	0.04	0.38	0.09	8.2	3.6

	25	8.0	28.442		8.6	0.53	< MDL	0.03	0.41	0.08	8.3	3.4
	35	8.0	28.499		8.6	0.22	0.21	0.03	0.38	0.08	9.1	3.3
5/27/97	1	12.3	27.666	8.0	11.3	14.40	0.13	< MDL	0.12	0.04	5.9	0.8
	15	11.3	28.064		9.6	11.30	4.50	< MDL	0.21	0.05	5.4	1.1
	25	10.9	28.100		9.5	12.50	0.15	< MDL	0.21	0.07	5.8	1.1
	35	10.5	28.398		8.3	1.20	0.42	< MDL	0.28	0.07	3.7	2.0
7/17/97	1	14.6	25.724	5.0	10.3	9.00	0.79	0.03	0.05	0.04	7.0	1.4
	15	12.0	29.935		7.4	0.69	0.96	0.04	0.23	0.07	9.2	2.1
	25	11.7	28.691		6.8	0.40	0.63	0.04	0.26	0.07	4.4	2.0
	35	11.7	29.587		6.8	0.37	0.57	0.04	0.24	0.08	4.2	2.1
9/3/97	1	13.8	29.307	5.0	7.9	9.50	< MDL	< MDL	0.24	0.09	2.0	2.1
	15	13.3	29.348		7.2	4.40	0.17	< MDL	0.28	0.08	2.4	2.0
	25	13.2	29.371		6.6	3.50	0.36	< MDL	0.29	0.09	2.3	2.0
	35	13.2	29.389		6.5	2.40	0.30	< MDL	0.29	0.09	2.3	2.2
9/24/97	1	14.1	29.507	10.0	7.3	4.00	0.01	< MDL	0.26	0.09	3.2	2.6
	15	13.2	29.641		6.2	1.30	0.09	< MDL	0.29	0.09	3.5	2.5
	25	13.1	29.676		5.9	0.89	< MDL	< MDL	0.30	0.08	2.0	2.6
	35	13.0	29.697		6.0	0.86	0.09	< MDL	0.30	0.08	2.6	2.5
10/20/97	1	12.2	29.173	7.0	6.8	2.40	0.22	0.02	0.30	0.07	3.1	3.1
	15	12.5	29.474		6.2	1.50	0.22	0.03	0.32	0.07	2.3	3.2
	25	12.5	29.485		6.2	1.40	0.13	0.02	0.32	0.07	1.4	3.2
	35	12.6	29.529		6.1	1.30	0.29	0.02	0.33	0.08	6.1	2.8
11/18/97	1	12.0	29.243	8.0	6.5	0.65	0.01	< MDL	0.36	0.08	4.1	3.5
	15	12.0	29.249		6.4	0.61	< MDL	< MDL	0.37	0.08	2.5	3.6
	25	12.0	29.296		6.2	0.48	< MDL	< MDL	0.37	0.09	3.2	3.6
	35	11.9	29.299		6.3	0.49	0.10	< MDL	0.37	0.07	2.7	3.7
12/18/97	1	10.7	29.187	8.0	7.0	0.13	0.19	< MDL	0.24	0.08	2.7	3.1
	15	10.6	29.203		6.9	0.15	0.13	< MDL	0.28	0.09	1.8	3.5
	25	10.6	29.204		7.0	0.12	0.18	< MDL	0.28	0.12	5.3	3.5
	35	10.6	29.216		6.9	0.16	0.09	< MDL	0.32	0.11	2.4	3.2